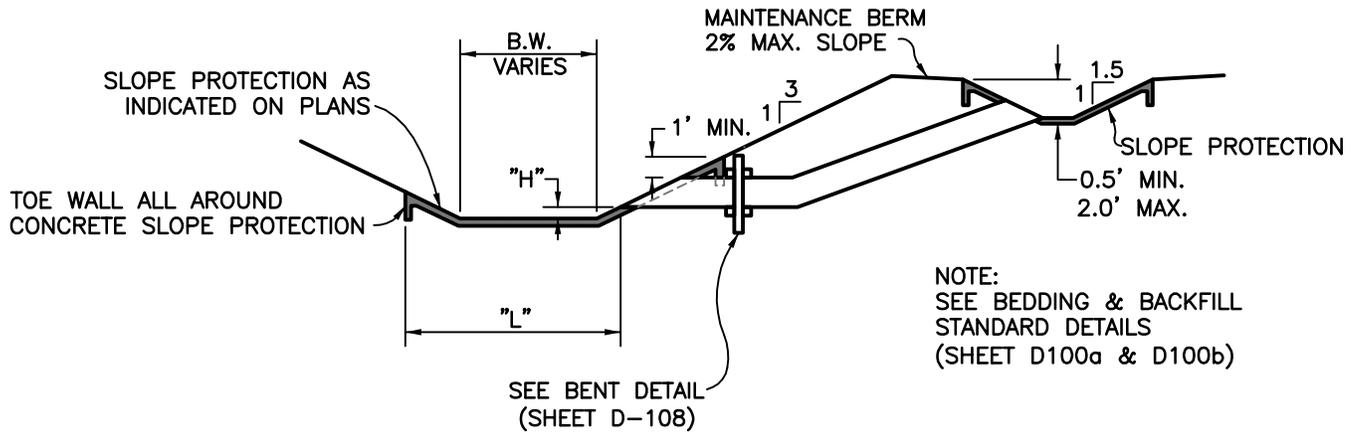


PLAN VIEW



PROFILE

PIPE DIA.	SLOPE	VELOCITY
24"	0.6%	3.25 f.p.s.
36"	0.3%	3.00 f.p.s.
42"	0.2%	2.75 f.p.s.
48"	0.2%	3.00 f.p.s.
54"	0.2%	3.25 f.p.s.

"H" : FOR PIPE SIZES UP TO 42" H = 3 FT. MAX. AND 1 FT. MIN.
 FOR PIPE SIZES OVER 48" H = 1 FT. MAX. AND MIN.

"L" : $\frac{B.W.}{PIPE\ SIZE} \leq 7' - 6"$ → "L" WILL EXTEND ONE PIPE Ø ABOVE FL ON OPPOSITE BANK (MIN.)

$\frac{B.W.}{PIPE\ SIZE} > 7' - 6"$ → "L" = 6 Ø OR MIN. 1' - 6" INTO B.W. WHICHEVER IS GREATER

NOTE: MAX. BACKSLOPE DRAIN SPACING SHALL BE 800 FT. OR 400 FT. TO THE SWALE HIGH POINT.

NOTES:

1. THE MINIMUM THICKNESS OF CONCRETE SLOPE PAVING USED SHALL BE (5") FIVE INCHES.

THE CITY OF ROSENBERG, FORT BEND COUNTY, TEXAS
 DEPARTMENT OF PUBLIC WORKS

TYPICAL BACKSLOPE DRAIN

DESIGN: CAK	CAD: STAFF	SCALE: NTS	DATE: 11/10	DRAWING: D-110
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